

**VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION**

Date 1-5-09

Contract ID 081024-801

Job No. J8S0724

County Greene

Original Bid Cost \$8,325,768.30

Contractor Emery Sapp & Sons Inc

By Josh Doerhoff

Designed By MoDOT

Phone 573-445-8331

VECP# 09-02 (to be completed by C.O.)

VECP ☒ or VECPPDU ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

The current contract states that all Type F Barrier wall must be new. We propose to provide a savings if allowed to use Type F Barrier wall that has been previously used on one project. The barrier wall is in excellent condition. The estimated reduction in construction costs only accounts for the Type F Barrier shown on the original plan sheets. There will be additional savings on all of the Type F Barrier that will have to be placed along I-44 since it was omitted on the original plans.

2. Estimate of reduction in construction costs. \$16,385.00

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

None

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

1-6-09

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

1-12-09

(date)

(effect)

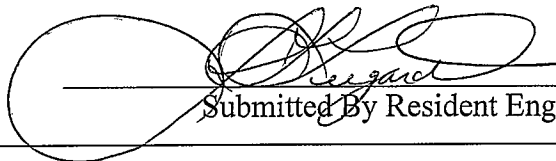
6. Dates of any previous or concurrent submission of the same proposal.

(date and/or dates)

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: This is the follow-up paperwork to the Conceptual VE Submitted by the Contractor and verbally approved by MoDOT on December 19, 2008. I recommend approval of this VE provided that the barriers arrive on the project in a "like new" condition.




Submitted By Resident Engineer

01/08/09

Date

Comments: I concur with the Resident Engineer and recommend approval pending visual inspection upon delivery.

☒ Approval
Recommended



District Engineer

1/09/2009

Date

☐ Rejection
Recommended

Comments:

☐ Approval
Recommended

N/A

☐ Rejection
Recommended

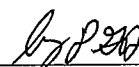
Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

☒ Approval





2-18-09

☐ Rejection

State Construction and Materials Engineer

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

Tramar Contracting Inc.
3051 Mercantile Industrial Drive
St. Charles, Mo 63301
Phone 636-255-0808 Fax 636-255-0719
Facsimile Cover Letter

To: Josh Doerhoff
ESS Construction

From: Thomas Shoemaker
Vice President
Date: December 19, 2008

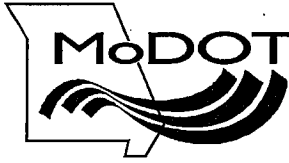
Fax #: _____

Per our conversation at the pre-construction meeting TraMar Contracting proposes to use used temporary barrier that has only been used on one previous project. The barrier is triple loop and has no signs of wear or damage. We would offer a \$5 per foot deduct for this change to the normal t.t.b. item and \$10 per foot for the t.t.b. w/ anchoring system item as we have locked in a less expensive price for anchors. This would be a total savings of \$16,385.00 based on plan quantities. The savings will increase with the additional t.t.b. that is going to be used under the overpass down on Hwy 44.

If you have any further questions please feel free to contact me.

Contact: Thomas Shoemaker
Mobile : 314-267-2484

Tramar Contracting Inc.
is a DBE certified contractor.



MEMORANDUM

Missouri Department of Transportation
Construction and Materials
District 8

Dennis Bryant

TO: Dave Ahlvers
State Operations Engineer

FROM: Jimmy McDiarmid
Operations Engineer - Construction

DATE: January 13, 2009

SUBJECT: Value Engineering Proposal
Job No. J8S0724
Route H, Greene County

RECEIVED

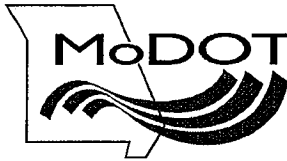
JAN 20 2009

Construction & Materials - EC

Attached for your review and approval is a Value Engineering Proposal from Emery Sapp & Sons, Inc. on the above referenced project. This proposal has been thoroughly reviewed and recommendation is made for approval.

Should you have any questions or concerns, please don't hesitate to contact my office.

/mj
Attachment



MEMORANDUM
Missouri Department of Transportation

District 8
Springfield Construction

TO: Andy Mueller
Assistant District Engineer

CC:

FROM: Johnny Teegardin
Resident Engineer

DATE: January 8, 2009

SUBJECT: VE Proposal (#1) – Use of Used Type F Barrier
Job No.: J8S0724
Route: H
County: Greene

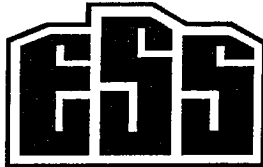
Please find enclosed for your review, comments, and recommendation/rejection and forward to Construction Division this VE proposal. The contractor has submitted this conceptual VE for the use of "used one time - not damaged" Type F Barrier. I recommend that we accept it based on the cost savings provided that the barriers are delivered to the project in "like new" condition.

The subcontractor has submitted a \$5.00 per linear foot reduction for Line No. 0830 Temp Traffic Barrier for a savings of \$10,855.00. In addition, he has proposed a \$10.00 per linear foot reduction for Line No. 0840 Anchored Type F for a savings of \$5500.00. The total savings for the VE would be \$16,385.00. In addition, 850 LF of barrier was installed along I-44 to protect the bridge columns. This overrun in barrier results in an additional savings of \$4,250 over the contract prices. Therefore, this VE results in an estimated cost savings of \$20,635 that will be split 50/50 with the contractor in accordance with Section 104.6 of the Standard Specifications.

The contractor assures me that these barriers show no signs of damage. In addition, the contract provides that the contractor must deliver undamaged barrier to Springfield Maintenance, so if we have any that are damaged, we can reject them and have them replaced at the contractor's expense prior to stockpiling them.

Copy: File

jt



EMERY SAPP & SONS, INC.

140 Walnut St.
Kansas City, MO 64106
O: 816.221.3500
F: 816.421.9333

2602 N. Stadium Blvd.
Columbia, MO 65202
O: 573.445.8331
F: 573.445.0266

5350 E. State Hwy. AA
Springfield, MO 65803
O: 417.833.9915
F: 417.833.9981

January 5, 2009

Mr. Johnny Teegardin R.E.
Missouri Dept. of Transportation
2549 N Mayfair
Springfield, MO 65803

**RE: Value Engineering for Type F Barrier
Rte.H, Greene County
Job No J8S0724**

Mr. Teegardin:

Attached is a Value Engineering Proposal which proposes the use of used Type F Barrier Wall in lieu of new Type F Barrier. Approving this will result a savings of \$16,385.00 on the original contract quantity. An additional savings of approximately \$4,250.00 will be recognized due to the additional 850 LF that will be placed along I-44. If you have any questions regarding the attached Value Engineering Proposal please feel free to call.

Sincerely,

Emery Sapp & Sons, Inc.

Josh Doerhoff
Project Manager

VALUE ENGINEERING CHECK SHEET

N/A

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☒ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

_____ Use "like-new" used Type F Barrier in lieu of new.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

_____ Scan entire proposal.